



PTO/SB/08a (05-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/642,426
		Filing Date	August 15, 2003
		First Named Inventor	Kari Harkonen
		Art Unit	1762
		Examiner Name	Chen
Sheet 1	of 2	Attorney Docket Number	11429/19:2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WV	1	US- 6,174,809 B1	01/16/2001	Kang et al.	
	2	US- 6,482,262 B1	11/19/2002	Elers et al.	
	3	US- 2002/0086504 A1	07/04/2002	Park et al.	
	4	US- 2003/0022457 A1	01/30/2003	Gutsche et al.	
	5	US- 2003/0031807 A1	02/13/2003	Elers et al.	
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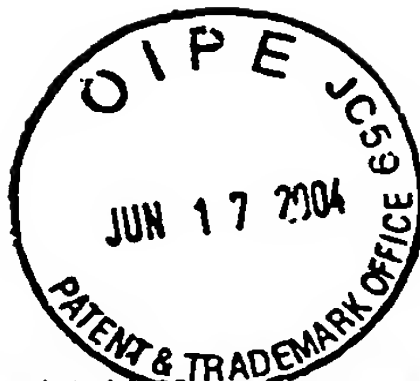
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JE	6	WO 01/29280 A1	04/26/2001	ASM America, Inc.	S	

Examiner Signature		Date Considered	5/14/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	2	Attorney Docket Number	11429/19:2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	7	MARIKA JUPPO, "Atomic Layer Deposition of Metal and Transition Metal Nitride Thin Films and In Situ Mass Spectrometry Studies," Univ. of Helsinki, Faculty of Science, Dept. of Chemistry, Laboratory of Inorganic Chemistry, Academic Dissertation, December 14, 2001, 65 pages, Helsinki, Finland.	
	8	PETER ETTMAYER & WALTER LENGAUER, "Nitrides: Transition Metal Solid State Chemistry," Encyclopedia of Inorganic Chemistry, 1994 (R. Bruce King, ed.), pgs. 2498-2515, Vol. 5, John Wiley & Sons, West Sussex, England.	
	9	PETER ETTMAYER & WALTER LENGAUER, "Carbides: Transition Metal Solid State Chemistry," Encyclopedia of Inorganic Chemistry, 1994 (R. Bruce King, ed.), pgs. 519-531, Vol. 5, John Wiley & Sons, West Sussex, England.	
	10	T. SUNTOLA and M. SIMPSON, "Atomic Layer Epitaxy," 1990, pgs. 18-21 and 38-39, Blackie and Son Ltd., Glasgow and London, England.	
	11	U.S. Patent Application No. 10/641,848, filed 08/15/2003. NOT A PUBLIKATION	

Examiner Signature		Date Considered	3/4/04
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